

### **AMENDMENTS TO THE SPECIFICATION**

Applicant presents replacement paragraphs below indicating the changes with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please replace the paragraph beginning at page 19, line 26, with the amended paragraph as follows:

The three-dimensional structures of triptycenes result in special solvation properties that may create unique solute orientations. The void spaces between aromatic triptycene faces allow threading of other small molecules, for example, liquid crystals, and macromolecules, for example, polymers, through these spaces. This interaction causes chromophores that are part of the triptycene backbone to align. In some cases, alignment may occur by application of a source of external energy, such as an electric, magnetic, optical, acoustic, electromagnetic, or mechanical field.